

State Agency Waste Management Annual Report for

**California Department of Transportation, District 5 (361)
2002 - Annual Report**

Annual Report Summary -

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Part I

State Agency Name: California Department of Transportation, District 5
Address: 50 Higuera Street San Luis Obispo, CA 93401
Director: Gregg Albright
Title: District Director
Recycling Coordinator: Tony Bessermin
Address: 50 Higuera Street San Luis Obispo, CA 93401
Work Phone: (805) 549-3119 Ext: 0
Fax Number: (805) 549-3639
Email Address: tony_bessermin@dot.ca.gov
Total Employees: 819
Total Vistors, inmates, etc : 4,046,317

Part II

Verified	District Office-San Luis Obispo 50 Higuera Street San Luis Obispo, CA 93401 Number of Employees: 175	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Right of Way Building 3232 S. Higuera Street, Suite 200 San Luis Obispo, CA 93403 Number of Employees: 41	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Atoll Building 1150 Laurel Lane San Luis Obispo, CA 93401 Number of Employees: 190	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Aptos RE Office 9055 Soquel Drive, Suite D Aptos, CA 95003 Number of Employees: 5	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Big Sur Maintenance Station Highway 1, Big Sur State Park Big Sur, CA 93920 Number of Employees: 5	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Buellton Maintenance Station 721 Jonata Park Road Buellton, CA 93427 Number of Employees: 11	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov

Verified	Buellton RE Office 254 E. Highway 246, Suite D Buellton, CA 93427 Number of Employees: 4	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Cambria Maintenance Station 3130 Highway 46 Cambria, CA 93428 Number of Employees: 9	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Cambria RE Office 775 Arlington Street Cambria, CA 93428 Number of Employees: 5	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Cuyama Maintenance Station 6470 Highway 166 New Cuyama, CA 92354 Number of Employees: 4	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Shop 05 66 Madonna Road San Luis Obispo, CA 93401 Number of Employees: 19	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Hollister Maintenance Station 771 N. Chappell Road Hollister, CA 95023 Number of Employees: 6	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	King City Maintenance Station 850 S. First Street King City, CA 93930 Number of Employees: 8	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Monterey Maintenance Station 2111 Garden Road Monterey, CA 93940 Number of Employees: 13	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Salinas Maintenance Station 850 Elvee Drive Salinas, CA 93901 Number of Employees: 37	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	San Luis Obispo Maintenance Station 50 Higuera Street San Luis Obispo, CA 93401 Number of Employees: 65	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Santa Barbara Maintenance Station 3999 State Street Santa Barbara, CA 93105 Number of Employees: 40	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Santa Barbara RE Office 22 N. Milpas Street, Suite G & H Santa Barbara, CA 93103 Number of Employees: 12	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Santa Cruz Maintenance Station 195 Capitola Road Extension Santa Cruz, CA 95062 Number of Employees: 44	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Santa Maria Maintenance Station 2201 S. Thornburg Santa Maria, CA 93455	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0

	Number of Employees: 16	Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Scotts Valley RE Office 5 Erba Lane, Suite B Scotts Valley, CA 95066 Number of Employees: 4	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Shandon Maintenance Station 444 W. Centre Street Shandon, CA 93461 Number of Employees: 7	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Templeton Maintenance Station 640 N. Main Templeton, CA 93465 Number of Employees: 22	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Atascadero RE Office 7040 El Camino Real Atascadero, CA 93422 Number of Employees: 7	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Pismo Beach RE Office 1602 Price Street Pismo Beach, CA 93448 Number of Employees: 4	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Santa Maria RE Office 2255 S. Broadway, Suite 10 Santa Maria, CA 93455 Number of Employees: 14	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Cuesta Grade RE Office 1559 El Camino Real San Luis Obispo, CA 93401 Number of Employees: 14	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	San Luis RE Office 4485 Vachell Lane San Luis Obispo, CA 93401 Number of Employees: 4	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Monterey RE Office 1529 Highway 68 Monterey, CA 93940 Number of Employees: 10	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Paso Robles RE Office 1332 Vendels Circle, Suite 101 Paso Robles, CA 93446 Number of Employees: 7	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Prunedale RE Office 3075 Executive Drive Prunedale, CA 93907 Number of Employees: 8	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Soledad RE Office 1000 Front Street Soledad, CA 93960 Number of Employees: 3	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Saratoga Gap Maintenance Station Highway 9 & Highway 35 Los Gatos, CA 95032 Number of Employees: 0	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov

Verified	Willow Springs Maintenance Station Highway 1, 1/4 mile North of Gorda Big Sur, CA 93920 Number of Employees: 6	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Camp Roberts Safety Roadside Rest Area - NB Highway 101, 8.5 miles N of San Miguel San Miguel, CA 93451 Number of Employees: 0	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Camp Roberts Safety Roadside Rest Area - SB Highway 101, 8.5 miles N of San Miguel San Miguel, CA 93451 Number of Employees: 0	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Gaviota Safety Roadside Rest Area - NB Highway 101, S End of Gaviota Tunnell Gaviota, CA 93117 Number of Employees: 0	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Gaviota Safety Roadside Rest Area - SB Highway 101, S End of Gaviota Tunnell Gaviota, CA 93117 Number of Employees: 0	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Verified	Shandon Roadside Rest Area Highway 46, E of Jct. 46/41 Shandon, CA 93461 Number of Employees: 0	Tony Bessermin 50 Higuera Street San Luis Obispo, CA 93401 Phone: (805) 549-3119 Ext: 0 Fax: (805) 549-3639 Email: tony_bessermin@dot.ca.gov
Total Employees: 819		

Part III Section 1

Summary of program information entered to date.

Diversion Calculations

Program	Existing	Planned/ Expanding	Tons	
Business Source Reduction	X		1.070	
Material Exchange	X		8.950	
Beverage Containers	X		0.737	
Cardboard	X		26.280	
Office Paper (mixed)	X		113.880	
Special Collection Events	X		1.430	
Self-haul greenwaste	X		59.640	
White/brown goods	X		26.000	
Scrap Metal	X		49.460	
Wood waste	X		15.600	
Concrete/asphalt/rubble (C&D)	X		665.000	
Total Tonnage Diverted			968.047	
Total Tonnage Disposed			2,110.330	
Total Tonnage Generated				

3,078.377

Overall Diversion Percentage 31.4%
(Tonnage Diverted / Tonnage Generated)

Hazardous Materials (Programs not included in calculations)				
Program	Existing	Planned/ Expanding	Tons	
Batteries	X		(0.612)	
Other HHW	X		(0.084)	

Part III Section 2

This section of the annual report presents the methods in which your agency informed both employees and customers served that a recycling program was being implemented. Below are identified the programs you reported were continued or implemented during 2002.

1. Fliers

Part III Section 3

Procurement Activities Implemented in 2002

This section of the annual report presents your compliance with the State Agency Buy Recycled Campaign (SABRC). The activities identified below were reported as implemented or continued during 2002. (Note: Completing this section does not meet the [SABRC reporting requirements](#) (PCC Section 12162(b)).

1. Annual Submittal of SABRC Report

Part IV

1. **Is the mission statement of the State agency/large State facility the same as reported in the previous year?**

Yes

If No, what is the new mission statement?

2. **How has the waste stream (i.e. those materials disposed in landfills) changed since the Integrated Waste Management Plan was submitted? (Changes include kinds and quantities of materials disposed in landfills.)**

Probably the most important change this year is better documentation. This documentation establishes a baseline for future reports. Our comingled paper and cardboard are the two materials that have separated recycling dumpsters. These are independent of the trash dumpsters.

We have a minimum of 39 sites with a minimum of one four-yard trash dumpsters each. These are dumped every week. $39 \text{ sites} \times 4 \text{ yds.} = 156 \text{ cubic yards/week}$. $156 \times .05 \text{ tons/cu. yd.} = 7.8 \text{ tons}$. $7.8/\text{tons} \times 52 \text{ weeks} = 405.60 \text{ tons/year}$.

We have two district office sites with two four-yard dumpsters each that are dumped daily, Monday through Friday. $52 \text{ weeks} \times 5 \text{ dumps per week} = 260 \text{ dumps/year}$. $260 \text{ dumps} \times 4 \text{ yards} = 1,040 \text{ yards/year}$. $1,040 \times .05 \text{ ton/cu. yd.} = 52 \text{ tons/year}$.

We have 7 maintenance stations with one ten yard dumpster each. These are emptied every six weeks. $52 \text{ weeks/year} \div 6 \text{ weeks} = 8.66 \text{ dumps each per year}$. $8.66/\text{dumps/year} \times \text{seven sites} = 60.66 \text{ dumps/yr}$. $60.66 \times 10 \text{ yards} = 606.6 \text{ yards per dumpster/year}$. $606.6 \times .05 \text{ tons per yard} = 30.33 \text{ tons per year}$.

For a total of 487.93 tons of trash per year.

Due to the amount of Xeriscaping and grasscycling (2,396.78 tons) our diversion rate is high. 277.04 tons/year of non-greenwaste are diverted. 2,110.33 tons/year are disposed. 2,673.82 are diverted.

We used a lot of remanufactured modular furniture or used modular furniture to provide increased office space for employees. This has significantly reduced old modular from going to the dump. Remanufactured modular was not available in the past. We had to purchase good condition used modular from government surplus. It usually was not maintained or properly stored.

3. **Summarize what [waste diversion programs](#) were continued or newly implemented in 2002.**

No new programs were implemented, however a much better documentation of existing diversion programs was done.

Material exchange was very effective this year due to the amount of employees we relocated to a new leased facility. These employees moved into existing modular cubes from conventional metal furniture.

Source reduction, Recycling, Organic Management, and Special Waste Materials continued.

4. **How were the tonnages determined for the materials disposed and diverted? (e.g. waste assessments, per capita generation and extrapolation, actual disposal weights, or actual recycling weights)**

AB 75 2002 report disposal figures for Caltrans District 5, San Luis Obispo, were compiled by Tony Bessermin. Business Source Reduction - 10.02 tons total. Toner - .32 ton. 5 toner cartridges were recycled a week. Average weight 2.5 pounds. $2.5 \text{ pounds} \times 5/\text{week} = 12.5 \text{ pounds}$ · $12.5 \text{ pounds/week} \times 52 \text{ weeks} = 650 \text{ pounds a year}$. 650 pounds divided by 2000 lb. = .32 tons. Reusable Cardboard boxes - .75 ton · We reused 1500 packing boxes during 47 employee moves. 1500 boxes x one pound each = 1500. 1500 divided by 2000 lb. = 0.75 ton. Material Exchange Non Profit/ school donations - 1.5 tons a year Accounted for 1.5 tons of file cabinets and bookcases. State Surplus - .5 ton a year. Our property controller delivered .5 ton of miscellaneous surplus IT equipment to Sacramento. Property reutilization: - 1.65 tons a year Metal desks - 110 pounds each times 30 metal desks = 3,300. · Divided by 2000 pounds = 1.65 tons.

We moved 30 Surveys office employees to a new facility with existing modular furniture. We offered up the conventional furniture to the whole district via email notification. Most of the file cabinet's, bookcases, metal desks, credenzas, and drafting tables were reused in the construction RE offices. Computers: - 5.3 tons a year Computers equip. x Pounds = weight divided by 2000 lb. = tons. · 144 - computer monitors, 124 - CPU's, 55 - printers, 4 - fax 7 - laptop 4 - copiers, 8 - digitizing tables 2 - server · 1 - console. Recycling - 2.16 tons. All facilities have at least one 4 yard or 10 yard dumpster per location. I have the: Quantities per location, and frequency of disposal. Estimated average weight. The waste hauler picks up at several locations before dumping. Weight is estimated by size of dumpster. The 50 Higuera schedule for San Luis Garbage trash/recycle pickups: commingled paper/cardboard - 3 yard dumpster is picked up at 5:30 am on Tuesdays, Wednesdays, and Fridays. · trash 4 yard dumpster 50 H. is picked up daily. Trash 4 yard dumpster at soils lab is picked up on Tuesdays & Fridays. · 10 Yard trash drop box is picked up when called by Maintenance. (Approximately every two weeks.) Beverage Containers - .737 ton. Beverage containers: bottles, cans, and plastic with California redemption value are recycled at all of our district office locations. Glass soda bottles - 5 cases per month. 22 pounds per case = 110 pounds · $110 \text{ pounds} \times 12 \text{ months} = 1,320 \text{ pounds/year}$, 1,320 divided 2000 lb. = 0.66 tons tons/yr. Aluminum cans - 10 cases per month. 24 cans/case · 240 cans @ 0.7 oz. each = 168 oz. · 168 oz. divided by 16 oz. = 10.5 pounds. 10.5 pounds x 12 months = 126 pounds · 126 pounds divided by 2000 lb. = 0.063 ton. Plastic water bottles and juice bottles - 15 cases per month. · 15 cases x 24 cans = 360 cans @ .12 oz each. = 42.2 oz. · 42.2 oz. divided by 16 oz. = 2.7 pounds · 2.7 pounds x 12 months = 468 oz. 468 oz divided by 16 oz. = 29.25 pounds. · 29.25 divided by 2000 lb. = 0.014 ton. Telephone books - 1.43 tons. We recycled 600 San Luis Obispo telephone books. They weigh 3 lb. 2.1 oz each. $600 \times 50.1 \text{ oz.} = 30,060 \text{ oz.}$ · 30,060 oz divided by 16 oz. = 1,878.75 pounds · 1,878.75 pounds divided by 2000 = 0.93 ton. We recycled 475 State telephone directories. They weight 2 lb. 1.7 oz each. · 2 lb. 1.7 oz = 33.7 oz. · $475 \times 33.7 \text{ oz.} = 16,007.5 \text{ oz.}$ Divided by 16 oz. = 1,000.46 pounds · 1,000.46 pounds divided by 2000 = 0.5 ton.

Groundskeeping contractor Self-Haul diverts 59.64 tons of grass clippings.

5. **What types of activities are included in each of the reported programs? (The following link of [category definitions](#) may assist you in answering this question.)**

Business Source Reduction - 10.02 tons. Toner - .32 ton. Reusable Cardboard boxes - .75 ton

Non Profit/ school donations - 1.5 tons a year.

Materials Exchange - 8.95 tons consisted of: 1.65 tons of metal desks, computers: - 5.3 tons a year, 1.5 tons of file cabinets and bookcases, and 0.5 tons of miscellaneous surplus IT equipment.

Beverage Containers - .737 ton.

Special Collection Events - Telephone books - 1.43 tons.

Self-Haul green waste (hauled to composting site) - 59.64 tons.

Special Waste Materials - 62.4 tons consisting of: Scrap Metal - 46.8 tons a year and Wood Waste - 15.6 tons.

Hazardous Waste Materials - .61 ton.

Batteries - .612 ton. Other HHW - Fluorescent bulbs - 0.084 ton.

6. **Has the State agency/large State facility adopted or changed its waste reduction policy?**

No

If Yes, what is the new waste reduction policy?

7. **What resources (staff and/or funds) did the State agency/large State facility commit toward implementing its Integrated Waste Management Plan in 2002 to help meet the waste diversion goals?**

Only employee staff time to monitor recycling content. No funds allocated to implement the integrated waste management plan.